



MARCKEM SENDIRIAN BERHAD (Co. No. 132133-W)

No. 43, Jalan 3/62B,
Bandar Manjalara Kepong,
52200 Kuala Lumpur.
Tel : 03-62773568, 62752706
Fax : 03-62726519
Email : marckem_123@yahoo.com

No. 90, Jalan S2 C3,
Green Technology Park,
Seremban 2, 70300 Seremban,
Negeri Sembilan.
Tel : 019-6228288

1) IDENTIFICATION OF HAZARDOUS CHEMICALS AND SUPPLIER

Product Information

Product Name	:	POWER PINE
Chemical Formula	:	COMPOUNDED PRODUCT
Chemical Family	:	NA
Uses	:	GENERAL DISINFECTANT DETERGENT
Supplier Name	:	MARCKEM SDN BHD
Supplier Address	:	NO. 43, JALAN 3/62B BANDAR MANJALARA KEPONG 52200 KUALA LUMPUR
Supplier Contact	:	03- 62773568
Email Address	:	marckem_123@yahoo.com

2) HAZARDS IDENTIFICATION



WARNING

- | | | |
|----------------------------|---|---------------------------|
| 1. Proposed Classification | : | IRRITANT |
| 2. Most Important Hazards | : | IRRITANT TO EYES AND SKIN |


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3) COMPOSITION AND INFORMATION INGREDIENTS OF HAZARDOUS CHEMICAL

CHEMICAL NAME	TRANSLUCENT YELLOWISH LIQUID
CAS NO	-
PROPORTION	7.00%
EXPOSURE LIMIT	NDA
TOXICOLOGICAL	NDA

4) FIRST AID MEASURES

- Eye Contact : FLUSH WITH LARGE QUANTITY OF WATER IF IRRITATION OR DISCOMFORT PERSISTS. SEEK MEDICAL ATTENTION.
- Skin Contact : WASH THE AFFECTED AREA WITH LARGE AMOUNT OF WATER. IF ANY IRRITATION OF DISCOMFORT PERSISTS, SEEK MEDICAL ATTENTION.
- Inhalation : REMOVE THE AFFECTED PERSON TO FRESH AIR. SEEK MEDICAL ATTENTION.
- Ingestion : DRINK WATER OR MILK, DO NOT INDUCE VOMITING. IF ANY IRRITATION OR DISCOMFORT PERSISTS, SEEK FOR MEDICAL ATTENTION.



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5) FIRE FIGHTING MEASURES

Product : NOT CONSIDERED AS FLAMMABLE
Flash Point : NOT DETERMINED (AQUEOUS SYSTEM)
Autoignition Temperature : NA
Flammable Limit (%) : NOT DETERMINED (AQUEOUS SYSTEM)
Explosion Properties : NA
Extinguishing Media : LARGE FIRE : ALCOHOL TYPE OR ALL PURPOSE TYPE
FOAM. SMALL FIRE : CO2 OR DRY CHEMICAL
Fire Fighting Instruction : WEAR FULL PROTECTIVE CLOTH & SELF CONTAINED
BREATHING APPARATUS.
Explosion Hazard in : NONE
Presence of Various Chemical

6) ACCIDENTAL RELEASE MEASURE

Small Leak or Spill : DISCHARGE INTO SEWERS OR STREAMS USING LARGE
AMOUNT OF WATER
Large Spill : COLLECT SPILLS FOR DISPOSAL. INCINERATE WASTE
IN ACCORDANCE WITH REGULATIONS

7) HANDLING AND STORAGE

Handling : AVOID DIRECT CONTACT WITH EYES. ALWAYS FOLLOW
INDUSTRIAL SAFETY PRACTICES.
Storage : STORE IN COOL, DRY PLACE. KEEP CONTAINER CLOSED IF
NOT IN USE.



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8) EXPOSURE CONTROL AND PERSONAL PROTECTION

a) Exposure Limit

b) Personal Protection

Eye/Skin Protection : PROTECTION CLOTHING, GLOVES, AND GOGGLES SHOULD BE WORN IF PROLONGED CONTACT OR USE IS ANTICIPATED

Respiratory Protection : NONE REQUIRED IN NORMAL USE.

c) Ventilation : GENERAL ROOM VENTILATION IS CONSIDERED SUFFICIENT.

9) PHYSICAL AND CHEMICAL PROPERTIES

Appearance : TRANSLUCENT YELLOWISH LIQUID
Odour : PINE SCENTED
Solubility : COMPLETE
Boiling Point : ~100C
Melting Point : NA
Vapour Pressure (mm of Hg at 255c) : NA
Percent Volatiles : >90%
Evaporation Rate : NA
Specific Gravity (26c) : ~1.01
Other Properties if Applicable : Ph 8.0-9.0



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10) STABILITY AND REACTIVITY

Conditions To Avoid : DO NOT MIX WITH OTHER CHEMICAL
Incompatibles : OXIDIZING AGENTS/ACIDS
Decomposition Products : BURNING MAY PRODUCE CO, CO2
Hazardous Polymerization : WILL NOT OCCUR

11) TOXICOLOGICAL INFORMATION

Toxicity Data : NO DATA CURRENTLY AVAILABLE
Carcinogenicity : NO DATA CURRENTLY AVAILABLE
Reproductive Effect : NO DATA CURRENTLY AVAILABLE

Effects of Over Exposure

Route of Entry

Effects

Eyes contact CAN CAUSE SEVERE DAMAGE TO CORNEA
Skin Contact MAY CAUSE SENSATION TO THE SKIN
Inhalation CAN CAUSE IRRITATION OF NOSE, THROAT AND RESPIRATORY
TRACT IN HIGH VAPOUR CONDITION
Ingestion CAN CAUSE STOMACH DISCOMFORT, NAUSEA AND
VOMITING

Chronic Effects : NO DATA CURRENTLY AVAILABLE
Target Organs : NO DATA CURRENTLY AVAILABLE
Medical Conditions General Aggravated By Exposure : NO DATA CURRENTLY AVAILABLE



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12) ECOLOGICAL INFORMATION

Mobility : NO DATA CURRENTLY AVAILABLE
Bioaccumulation : NO DATA CURRENTLY AVAILABLE
Biodegradability : EASILY BIODEGRADED
Aquatic Toxicity : NO DATA CURRENTLY AVAILABLE

13) DISPOSAL CONSIDERATION

Dispose in accordance with all applicable national environment laws and regulations

14) TRANSPORT INFORMATION

UN no. : NA
Classification : NA
Packing Group : NA

NA = NOT APPLICABLE

NDA = NO DATA AVAILABLE



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15) REGULATORY INFORMATION

Kindly refer to local regulatory which applicable.

16) OTHER INFORMATION

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of Marckem Sdn Bhd knowledge, information and belief accurate as the data indicated.

The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.